



US Patent &amp; Trademark Office

[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

 Search: ☒ The ACM Digital Library ☐ The Guide

 **SEARCH**

THE ACM DIGITAL LIBRARY


[Feedback](#) [Report a problem](#) [Satisfaction survey](#)

## WebSplitter: a unified XML framework for multi-device collaborative Web browsing

Full text Pdf (201 KB)

**Source** [Computer Supported Cooperative Work archive](#)  
**Proceedings of the 2000 ACM conference on Computer supported cooperative work** [table of contents](#)  
 Philadelphia, Pennsylvania, United States  
 Pages: 221 - 230  
 Year of Publication: 2000  
 ISBN:1-58113-222-0

**Authors** [Richard Han](#) IBM Thomas J. Watson Research Center, 30 Saw Mill River Road, Hawthorne, NY  
[Veronique Perret](#) IBM Thomas J. Watson Research Center, 30 Saw Mill River Road, Hawthorne, NY  
[Mahmoud Naghshineh](#) IBM Thomas J. Watson Research Center, 30 Saw Mill River Road, Hawthorne, NY

**Sponsors** [SIGGROUP: ACM Special Interest Group on Supporting Group Work](#)  
[SIGCHI: ACM Special Interest Group on Computer-Human Interaction](#)

**Publisher** ACM Press New York, NY, USA

**Additional Information:** [abstract](#) [references](#) [citations](#) [index terms](#) [collaborative colleagues](#) [peer to peer](#)

**Tools and Actions:** [Discussions](#) [Find similar Articles](#) [Review this Article](#)  
[Save this Article to a Binder](#) [Display Formats: BibTex](#) [EndNote](#)

**DOI Bookmark:** Use this link to bookmark this Article: <http://doi.acm.org/10.1145/358916.358993>  
[What is a DOI?](#)

### ↑ ABSTRACT

WebSplitter symbolizes the union of pervasive multi-device computing and collaborative multi-user computing. WebSplitter provides a unified XML framework that enables multi-device and multi-user Web browsing. WebSplitter splits a requested Web page and delivers the appropriate partial view of each page to each user, or more accurately to each user's set of devices. Multiple users can participate in the same browsing session, as in traditional conferencing groupware. Depending on the access privileges of the user to the different components of content on each page, WebSplitter generates a personalized partial view. WebSplitter further splits the partial view among the devices available to each user, e.g. laptop, wireless PDA, projection display, stereo speakers, orchestrating a composite presentation across the devices. A wireless PDA can browse while remotely controlling the multimedia capabilities of nearby devices. The architecture consists of an XML metadata policy file defining access privileges to XML tags on a Web page, a middleware proxy that splits XML Web content to create partial views, and a client-side component, e.g. applet, enabling user login and reception of pushed browsing data. Service discovery finds and registers proxies, browsing sessions, and device capabilities. We demonstrate the feasibility of splitting the different tags in an XML Web page to different end users browsers, and of pushing updates from the browsing session to heterogeneous devices, including a laptop and a PDA.

### ↑ REFERENCES

Note: OCR errors may be found in this Reference List extracted from the full text article. ACM has opted to expose the complete List rather than only correct and linked references.

Bluetooth Bluetooth Serv. Disc.,  
<http://www.bluetooth.com/developer/specification/specification.asp>

Brown96 Marc H. Brown , Marc A. Najork, Collaborative Active Textbooks: A Web-Based Algorithm Animation System for an Electronic Classroom, Proceedings of the 1996 IEEE Symposium on Visual Languages, p.266, September 03-06, 1996

Fox98 A. Fox, S. Gribble, Y. Chawathe, E. Brewer, "Adapting to Network and Client Variation Using Infrastructural Proxies: Lessons and Perspectives", IEEE Personal Communications, vol. 5, no. 4, Aug. 1998, pp. 10-19.

Han98 R. Han, P. Bhagwat, R. LaMaire, T. Mummert, V. Perret, J. Rubas, "Dynamic Adaptation In an Image Transcoding Proxy For Mobile Web Browsing," IEEE Personal Communications, vol. 5, no. 6, Dec. 1998, pp. 8-17.

Hodes99a T. Hodes, M. Newman, S. McCanne, R. Katz, J. Landay, "Shared Remote Control of a Video Conferencing Application: Motivation, Design, and Implementation," SPIE Multimedia Computing and Networking (MMCN), Proc. SPIE, vol. 3654, 1998 (conf. held Jan 1999), pp. 17-28.

Hodes99b T. Hodes, R.Katz, "A Document-based Framework for Internet Application Control," 2 nd USENIX Symposium on internet Technologies and Systems (USITS), 1999, pp. 59-70.

HTMLviewercontrol [http://msdn.microsoft.com/isapi/msdnlib.idc?theURL=/library/wcedoc/wcehpc/jup\\_prog\\_29.htm](http://msdn.microsoft.com/isapi/msdnlib.idc?theURL=/library/wcedoc/wcehpc/jup_prog_29.htm)

IWork Interactive Workspaces <http://graphics.stanford.edu/projects/iwork/>

Microsoft Microsoft NetMeeting, <http://www.microsoft.com/catalog/display.asp?site=113&subid=22&pg=1>

Myers98 Brad A. Myers , Herb Stiel , Robert Gargiulo, Collaboration using multiple PDAs connected to a PC, Proceedings of the 1998 ACM conference on Computer supported cooperative work, p.285-294, November 14-18, 1998, Seattle, Washington, United States

Netscape Netscape Conference, <http://www.aibn.com/help/Software/Netscape/Communicator/Conference/browsing.HTML>

Reala Real Presenter, <http://www.realnworks.com/products/presenterplus/info.HTML>

Rekimoto98 Jun Rekimoto, A multiple device approach for supporting whiteboard-based interactions, Proceedings of the SIGCHI conference on Human factors in computing systems, p.344-351, April 18-23, 1998, Los Angeles, California, United States

Robertson96 Scott Robertson , Cathleen Wharton , Catherine Ashworth , Marita Franzke, Dual device user interface design: PDAs and interactive television, Proceedings of the SIGCHI conference on Human factors in computing systems: common ground, p.79-86, April 13-18, 1996, Vancouver, British Columbia, Canada

Salutation <http://www.salutation.org/>

Stotts97 D. Stotts, J. Prins, L. Nyland, T. Fan, "CobWeb: Tailorable, Analyzable Rules for Collaborative Web Use," <http://www.cs.unc.edu/~stotts/cobWeb/doc/index.HTML>

UPNP <http://www.upnp.org/>

Veizades97 J. Veizades, E. Guttman, C. Perkins, S. Kaplan, "Service Location Protocol Internet Draft #17," draft-ietf-svrloc-protocol- 17.txt, IETF, 1997.

W3C <http://www.w3.org/TR/annot/>

Waldo99 Jim Waldo, The Jini architecture for network-centric computing, Communications of the ACM, v.42 n.7, p.76-82, July 1999

Want95 Want, R. Schilit, B.N. Adams, N.I. Gold, R. Petersen, K. Goldberg, D. Ellis, J.R. Weiser, M., "An overview of the PARCTAB ubiquitous computing experiment," IEEE Personal Communications, vol.2, no.6, Dec. 1995, pp. 28-43.

WAP <http://www.wapforum.org/>

WebEx <http://www.Webex.com>

XML <http://www.w3.org/XML/>

Yokota99 Yusuke Yokota , Tatsuya Nakamura , Hiroyuki Tarumi , Yahiko Kambayashi, Multiple Dynamic View Support for Cooperative Work, Proceedings of the Sixth International Conference on Database Systems for Advanced Applications, p.331-338, April 19-21, 1999

## ↑ CITINGS 7

Alistair Coles , Eric Deliot , Tom Melamed , Kevin Lansard, A framework for coordinated multi-modal browsing with multiple clients, Proceedings of the twelfth international conference on World Wide Web, May 20-24, 2003, Budapest, Hungary

Chris Vandervelpen , Karin Coninx, Towards model-based design support for distributed user interfaces, Proceedings of the third Nordic conference on Human-computer interaction, p.61-70, October 23-27, 2004, Tampere, Finland

John Grundy , Biao Yang, An environment for developing adaptive, multi-device user interfaces, Proceedings of the Fourth Australian user interface conference on User interfaces 2003, p.47-56, February 01, 2003, Adelaide, Australia

John Grundy , Xing Wang , John Hosking, Building multi-device, component-based, thin-client groupware: issues and experiences, Australian Computer Science Communications, v.24 n.4, p.71-80, January-February 2002

John Barton , Tim Kindberg , Hui Dai , Nissanka B. Priyantha , Fahd Al-bin-ali, Sensor-enhanced mobile web clients: an XForms approach, Proceedings of the twelfth international conference on World Wide Web, May 20-24, 2003, Budapest, Hungary

Unmil P. Karadkar , Richard Furuta , Selen Ustun , YoungJoo Park , Jin-Cheon Na , Vivek Gupta , Tolga Ciftci , Yungah Park, Display-agnostic hypermedia, Proceedings of the fifteenth ACM conference on Hypertext & hypermedia, August 09-13, 2004, Santa Cruz, CA, USA

Du Li , Jason Patrao, Demonstrational customization of a shared whiteboard to support user-defined semantic relationships among objects, Proceedings of the 2001 International ACM SIGGROUP Conference on Supporting Group Work, September 30-October 03, 2001, Boulder, Colorado, USA

## ↑ INDEX TERMS

### Primary Classification:

#### I. Computing Methodologies

##### ↳ I.7 DOCUMENT AND TEXT PROCESSING

##### ↳ I.7.2 Document Preparation

##### ↳ Nouns: XML

### Additional Classification:

#### D. Software

##### ↳ D.3 PROGRAMMING LANGUAGES

##### ↳ D.3.3 Language Constructs and Features

##### ↳ Subjects: Frameworks

#### H. Information Systems

##### ↳ H.3 INFORMATION STORAGE AND RETRIEVAL

##### ↳ H.3.5 On-line Information Services

##### ↳ Subjects: Web-based services

##### ↳ H.5 INFORMATION INTERFACES AND PRESENTATION (I.7)

##### ↳ H.5.2 User Interfaces (D.2.2, H.1.2, I.3.6)

##### ↳ Subjects: Interaction styles (e.g., commands, menus, forms, direct manipulation)

##### ↳ H.5.3 Group and Organization Interfaces

##### ↳ Subjects: Collaborative computing; Web-based interaction

### General Terms:

Design, Human Factors, Languages, Management, Performance, Theory

### Keywords:

PDA, XML, co-browsing, collaboration, groupware, middleware, multi-device, partial view, pervasive, proxy, remote control, service discovery, wireless

### ↑ Collaborative Colleagues:

Richard Han:

Hector Abrach

Ken Lutz

Anmol Sheth

Shah Bhatti

David Messerschmitt

Brian Shucker

Robert W.

Shivakant Mishra

John R. Smith

Brodersen

Mahmoud Naghshineh

Belle Tseng

Andrew Burstein

Shankar

Jim Carlson

Narayanaswamy

Hui Dai

Veronique Perret

Jing Deng

Jan Rabaey

Vida Ha

Brian Richards

Ching-Yung Lin

Jeff Rose

Allan Christian

Samuel Sheng

Long

Mahmoud

Anthony S.

Javier Gomez

Friedemann Mattern Michele

<u>Naghshineh:</u>	<u>Acampora</u> <u>Ian F. Akyildiz</u> <u>Amotz Bar-Noy</u> <u>Pravin Bhagwat</u> <u>Chatschik</u> <u>Bisdikian</u> <u>Andrew T.</u> <u>Campbell</u> <u>Jeane S.-C. Chen</u> <u>Jihyuk Choi</u> <u>Yanghee Choi</u> <u>John A. Copeland</u>	<u>Ibrahim Habib</u> <u>Ibrahim W. Habib</u> <u>Richard Han</u> <u>Parvis Kermani</u> <u>Parviz Kermani</u> <u>Ilan Kessler</u> <u>Ibrahim Korpeoglu</u> <u>Taekyoung Kwon</u> <u>David A. Levine</u>	<u>Mohamed Moustafa</u> <u>Zorzi</u> <u>C. Michael Olsen</u> <u>Timucin Ozugur</u> <u>Charles Campbell</u> <u>Palmer</u> <u>Veronique Perret</u> <u>Babak Rezvani</u> <u>Mischa Schwartz</u> <u>Mahmoud Sherif</u> <u>Satish K. Tripathi</u>
<u>Veronique Perret:</u>	<u>Richard Han</u> <u>Mahmoud</u> <u>Naghshineh</u>		

↑ **Peer to Peer - Readers of this Article have also read:**

- Data structures for quadtree approximation and compression  
**Communications of the ACM** 28, 9  
Hanan Samet
- A hierarchical single-key-lock access control using the Chinese remainder theorem  
**Proceedings of the 1992 ACM/SIGAPP Symposium on Applied computing**  
Kim S. Lee , Huizhu Lu , D. D. Fisher
- Putting innovation to work: adoption strategies for multimedia communication systems  
**Communications of the ACM** 34, 12  
Ellen Francik , Susan Ehrlich Rudman , Donna Cooper , Stephen Levine
- The GemStone object database management system  
**Communications of the ACM** 34, 10  
Paul Butterworth , Allen Otis , Jacob Stein
- An intelligent component database for behavioral synthesis  
**Proceedings of the 27th ACM/IEEE conference on Design automation**  
Gwo-Dong Chen , Daniel D. Gajski

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2004 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)  [Real Player](#)



US Patent & Trademark Office

[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

Search: ☒ The ACM Digital Library ☐ The Guide

+device +WML +HTML +XML +"master style sheet" +"Master

SEARCH

## Nothing Found

Your search for **+device +WML +HTML +XML +"master style sheet" +"Master template"** did not return any results.

You may want to try an [Advanced Search](#) for additional options.

Please review the [Quick Tips](#) below or for more information see the [Search Tips](#).

### Quick Tips

- Enter your search terms in lower case with a space between the terms.

sales offices

You can also enter a full question or concept in plain language.

Where are the sales offices?

- Capitalize proper nouns to search for specific people, places, or products.

John Colter, Netscape Navigator

- Enclose a phrase in double quotes to search for that exact phrase.

"museum of natural history" "museum of modern art"

- Narrow your searches by using a **+** if a search term must appear on a page.

museum +art

- Exclude pages by using a **-** if a search term must not appear on a page.

museum -Paris

Combine these techniques to create a specific search query. The better your description of the information you want, the more relevant your results will be.

museum +"natural history" dinosaur -Chicago

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)  [Real Player](#)



US Patent &amp; Trademark Office

[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

 Search: ☒ The ACM Digital Library ☐ The Guide



## Nothing Found

Your search for **+device +WML +HTML +XML +"master style sheet"** did not return any results.

You may want to try an [Advanced Search](#) for additional options.

Please review the [Quick Tips](#) below or for more information see the [Search Tips](#).

### Quick Tips

- Enter your search terms in lower case with a space between the terms.

sales offices

You can also enter a full question or concept in plain language.

Where are the sales offices?

- Capitalize proper nouns to search for specific people, places, or products.

John Colter, Netscape Navigator

- Enclose a phrase in double quotes to search for that exact phrase.

"museum of natural history" "museum of modern art"

- Narrow your searches by using a **+** if a search term must appear on a page.

museum +art

- Exclude pages by using a **-** if a search term must not appear on a page.

museum -Paris

Combine these techniques to create a specific search query. The better your description of the information you want, the more relevant your results will be.

museum +"natural history" dinosaur -Chicago



Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)  [Real Player](#)



US Patent &amp; Trademark Office

[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)
Search: ☒ The ACM Digital Library ☐ The Guide**SEARCH**

## Nothing Found

Your search for **+device +WML +HTML +XML +"Master template"** did not return any results.

You may want to try an [Advanced Search](#) for additional options.

Please review the [Quick Tips](#) below or for more information see the [Search Tips](#).

### Quick Tips

- Enter your search terms in lower case with a space between the terms.

sales offices

You can also enter a full question or concept in plain language.

Where are the sales offices?

- Capitalize proper nouns to search for specific people, places, or products.

John Colter, Netscape Navigator

- Enclose a phrase in double quotes to search for that exact phrase.

"museum of natural history" "museum of modern art"

- Narrow your searches by using a **+** if a search term must appear on a page.

museum +art

- Exclude pages by using a **-** if a search term must not appear on a page.

museum -Paris

Combine these techniques to create a specific search query. The better your description of the information you want, the more relevant your results will be.

museum +"natural history" dinosaur -Chicago

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2004 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)  [Real Player](#)


[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

 Search: ☒ The ACM Digital Library ☐ The Guide



THE ACM DIGITAL LIBRARY


[Feedback](#) [Report a problem](#) [Satisfaction survey](#)

 Terms used master template

Found 12 of 147,793

Sort results by

Display results


[Save results to a Binder](#)

[Search Tips](#)
☐ Open results in a new window

[Try an Advanced Search](#)
[Try this search in The ACM Guide](#)

Results 1 - 12 of 12

 Relevance scale ☐ ☐ ☐ ☐ ☐

### 1 [Tokenless static data flow using associative templates](#)

T. L. Sterling, D. S. Wills, E. Y. Chan

 November 1988 **Proceedings of the 1988 ACM/IEEE conference on Supercomputing**

Full text available: pdf(1.17 MB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

The static data flow model of computation promises high performance from fine grained parallelism, but conventional token-driven static data flow architectures are inefficient in terms of memory bandwidth and microcycles required per operation. The associative template mechanism, a new application of associative techniques, employs specially configured content-addressable memories to provide efficient flow control for static data flow program execution. It supports static data flow ...

### 2 [A software engineering experience in the management, design and implementation of a data secure system](#)

David K. Hsiao

 October 1976 **Proceedings of the 2nd international conference on Software engineering**

Full text available: pdf(739.30 KB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

HSDMS (Highly Secure Data Management System) is a secure, on-line and multi-user experimental database management system developed on the Digital Equipment Corporation's PDP-10 computer system. It is a vehicle for testing new facilities and applications of data management and access control. Furthermore the development of HSDMS itself has been aimed at the outset as an exercise in software engineering management and control. In the first part of the paper, the software engineerin ...

**Keywords:** Access control, Authority item, Data independence, Data secure system, Data security, Parallel access, Prompting, Security atom, User interface

### 3 [Facilitating the development of representations in hypertext with IDE](#)

D. S. Jordan, D. M. Russell, A.-M. S. Jensen, R. A. Rogers

 November 1989 **Proceedings of the second annual ACM conference on Hypertext**

Full text available: pdf(1.08 MB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Hypertext systems are used for a variety of representational tasks, many that involve fairly formalized structures. Because hypertext systems are generally intended for developing informal (unstructured data) and semi-formal (semantic networks) structures, developing

more formal structures can be difficult. Regular patterns in structures must often be recreated from primitive elements (individual nodes and links) resulting in a high overhead cost. In this paper we describe the Instructional ...

#### 4 Gate matrix layout synthesis with two-dimensional folding

I. Lin, D. H. C. Du, S. H. C. Yen

June 1989 **Proceedings of the 26th ACM/IEEE conference on Design automation**

Full text available:  pdf(850.00 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

We have developed a gate matrix layout synthesis tool which utilizes folding technique on both rows and columns. The conventional interval graph model and the recently proposed dynamic net-list representation can not fully depict circuit schematics such as inter-net connections. The incomplete representations may mislead the search process for an optimal solution during the layout partitioning and the gate ordering phases. We propose a new graph-based model called hierarchical dynamic net-I ...



#### 5 Computer-assisted template layout

Kenneth E. Smith

June 1970 **Proceedings of the 7th workshop on Design automation**

Full text available:  pdf(967.33 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

This paper discusses a mnemonic coding language and translation program used to produce master sheet metal templates on a computer-controlled flatbed plotter. The major advantage of computer-assisted template layout is the ability to reproduce identical templates for use at different locations or to replace mutilated templates by simply reprocessing the original input data cards through a computer-plotter combination. A typical template required about two hours for preparation of the input ...



#### 6 Flexibility and control for dynamic workflows in the WORLDS environment

Douglas P. Bogia, Simon M. Kaplan

August 1995 **Proceedings of conference on Organizational computing systems**

Full text available:  pdf(2.78 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

This paper presents a model and prototype implementation, called obligations, for handling flexible, dynamic changes to workflows. The model uses multiple inheritance and an overhead transparency metaphor to construct a network of activities. Each 'sheet' holds portions of the network to be constructed. Some of these sheets contain local modifications that are not shared among other similar activities and others hold general specifications that all instances should follow, ...



#### 7 Document creation II: Page composition using PPML as a link-editing script

Steven R. Bagley, David F. Brailsford

October 2004 **Proceedings of the 2004 ACM symposium on Document engineering**

Full text available:  pdf(197.33 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

The advantages of a COG (Component Object Graphic) approach to the composition of PDF pages have been set out in a previous paper [1]. However if pages are to be composed in this way then the individual graphic objects must have known bounding boxes and must be correctly placed on the page in a process that resembles the link editing of a multi-module computer program. Ideally the linker should be able to utilize all declared resource information attached to each COG.

We have investiga ...

**Keywords:** PDF, PPML, form Xobjects, graphic objects, link editing



# 8 Design, implementation and testing of extended and mixed precision BLAS

Xiaoye S. Li, James W. Demmel, David H. Bailey, Greg Henry, Yozo Hida, Jimmy Iskandar, William Kahan, Suh Y. Kang, Anil Kapur, Michael C. Martin, Brandon J. Thompson, Teresa Tung, Daniel J. Yoo

June 2002 **ACM Transactions on Mathematical Software (TOMS)**, Volume 28 Issue 2

Full text available:  [pdf\(456.84 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

This article describes the design rationale, a C implementation, and conformance testing of a subset of the new Standard for the BLAS (Basic Linear Algebra Subroutines): Extended and Mixed Precision BLAS. Permitting higher internal precision and mixed input/output types and precisions allows us to implement some algorithms that are simpler, more accurate, and sometimes faster than possible without these features. The new BLAS are challenging to implement and test because there are many more subr ...

**Keywords:** BLAS, double-double arithmetic, extended and mixed precision

# 9 New life in dusty decks: results of porting a CM Fortran based aeroacoustic model to high performance Fortran

Jeffrey J. Nucciarone, Yusuf Özyörük, Lyle N. Long

November 1997 **Proceedings of the 1997 ACM/IEEE conference on Supercomputing (CDROM)**

Full text available:  [pdf\(110.48 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#)

The High Performance Fortran language is a 'standard by consensus', developed by individuals and vendors in the high performance computing industry, to provide a low barrier entry to parallel computing. It promises to be an easier to use development environment for distributed memory computing platforms compared to the programming complexity required by message passing libraries such as PVM and MPI. HPF promises much and is still in its infancy. Since HPF was developed in part based on experience ...

**Keywords:** Thinking Machines CM Fortran, aeroacoustics, dusty decks, high performance Fortran

# 10 Simulation of memory chip line using an electronics manufacturing simulator

Douglas N. Estremadoyro, Phillip A. Farrington, Bernard J. Schroer, James J. Swain

December 1997 **Proceedings of the 29th conference on Winter simulation**

Full text available:  [pdf\(901.04 KB\)](#)

Additional Information: [full citation](#), [references](#), [index terms](#)

# 11 Simulation environment for electronics manufacturing

Phillip A. Farrington, John S. Rogers, Bernard J. Schroer, James J. Swain, John L. Evans

December 1995 **Proceedings of the 27th conference on Winter simulation**

Full text available:  [pdf\(665.39 KB\)](#)

Additional Information: [full citation](#), [references](#), [index terms](#)

# 12 Rapid previewing via volume-based solid modeling

Naeem Shareef, Roni Yagel

December 1995 **Proceedings of the third ACM symposium on Solid modeling and applications**

Full text available:  [pdf\(1.04 MB\)](#)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

## Results 1 - 12 of 12

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2004 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)  [Real Player](#)



US Patent &amp; Trademark Office

[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

 Search: ☒ The ACM Digital Library ☐ The Guid



## N thing Found

Your search for +"one-to-many style sheet" did not return any results.

You may want to try an [Advanced Search](#) for additional options.

Please review the [Quick Tips](#) below or for more information see the [Search Tips](#).

### Quick Tips

- Enter your search terms in lower case with a space between the terms.

sales offices

You can also enter a full question or concept in plain language.

Where are the sales offices?

- Capitalize proper nouns to search for specific people, places, or products.

John Colter, Netscape Navigator

- Enclose a phrase in double quotes to search for that exact phrase.

"museum of natural history" "museum of modern art"

- Narrow your searches by using a + if a search term must appear on a page.

museum +art

- Exclude pages by using a - if a search term must not appear on a page.

museum -Paris

Combine these techniques to create a specific search query. The better your description of the information you want, the more relevant your results will be.

museum +"natural history" dinosaur -Chicago

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2004 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)



Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)  [Real Player](#)


[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

 Search: ☒ The ACM Digital Library ☐ The Guide



THE ACM DIGITAL LIBRARY


[Feedback](#) [Report a problem](#) [Satisfaction survey](#)

 Terms used **master style sheet**

Found 1 of 147,793

Sort results by

Display results


[Save results to a Binder](#)

[Search Tips](#)
☐ Open results in a new window

 Try an [Advanced Search](#)

 Try this search in [The ACM Guide](#)

Results 1 - 1 of 1

 Relevance scale ☐ ☐ ☐ ☐ ☐

# 1 [Visualization of EDI messages: facing the problems in the use of XML](#)



Reija Korhonen, Airi Salminen

 September 2003 **Proceedings of the 5th international conference on Electronic commerce**

Full text available: pdf (370.26 KB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Multi-organizational EDI message networks are complicated communication environments with various standards and technologies. The role of third party message exchange hubs has become more important and their tasks more difficult. Current development activities for supporting the utilization of XML in electronic commerce focuses on message standardization and specification of common business architectures, processes, and web practices. A need to visualize EDI messages in different contexts to hum ...

**Keywords:** EDI, XML, XSL, business document, language, style sheets, visualization


Results 1 - 1 of 1

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2004 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)











 Useful downloads: [Adobe Acrobat](#) [QuickTime](#) [Windows Media Player](#) [Real Player](#)

[Yahoo!](#) [My Yahoo!](#) [Mail](#) [Welcome, Guest](#) [\[Sign In\]](#)
[Search Home](#) [Help](#)

[Web](#) | [Images](#) | [Directory](#) | [Local](#) NEW! | [News](#) | [Products](#) 

**YAHOO! SEARCH**

[Shortcuts](#) [Advanced Search](#) [Preferences](#)
**Search Results** Results 1 - 10 of about 22 for "**Master template**" "**WML**" "**HTML**" "**XML**" - 0.24 sec. (A)

1. <http://fdsapi.sourceforge.net/htmldocs/TemplateUsersGuide.htm>   
 ... 10. Sample **Master Template**..... 43 ... dynamic text  
[fdsapi.sourceforge.net/htmldocs/TemplateUsersGuide.htm](http://fdsapi.sourceforge.net/htmldocs/TemplateUsersGuide.htm) - 362k - [Cached](#) - [More from this site](#)
2. [Building Documents in ACS](#)   
 ... style on a site-global basis via a **master template**. difficult to write a script that returns an ... required b  
[www.eveandersson.com/doc/documents](http://www.eveandersson.com/doc/documents) - 11k - [Cached](#) - [More from this site](#)
3. [Runtime Collective: Josephine 2.x Framework Component Research](#)   
 ... XMLC - Compiles **HTML**, **WML**, and **XML** documents into DOM template objects that can be manipul  
[runtime-collective.com/josephine/.../barracuda\\_vs\\_struts.html](http://runtime-collective.com/josephine/.../barracuda_vs_struts.html) - 133k - [Cached](#) - [More from this site](#)
4. [WebTransactions \(PDF\)](#)   
 ... However, an **HTML**-to-**WML** filter is still not available ... The following **master template** can be used fo  
[bs2www.fujitsu-siemens.com/en/ready-to-run/WebTransactionsWAP\\_e.pdf](http://bs2www.fujitsu-siemens.com/en/ready-to-run/WebTransactionsWAP_e.pdf) - 297k - [View as html](#) - [More f](#)
5. [Java\(TM\) Boutique - J2EE and XML Development - Page 11](#)   
 ... can transform your dynamic **XML** data into a binary ... modify **WML** from a mobile device, we are only c  
[javaboutique.internet.com/resources/books/J2EE\\_XML/j2ee2\\_4.html](http://javaboutique.internet.com/resources/books/J2EE_XML/j2ee2_4.html) - 66k - [Cached](#) - [More from this site](#)
6. [SUGI 27: ODS Markup: The Power of Choice and Change \(PDF\)](#)   
 ... is. XHTML, **WML**, CHTML, I-Mode, or just plain old **HTML**. The web ... New flavors of **XML**, new marku  
[www2.sas.com/proceedings/sugi27/p003-27.pdf](http://www2.sas.com/proceedings/sugi27/p003-27.pdf) - 202k - [View as html](#) - [More from this site](#)
7. [XSL Navigation | Synkron Prefix](#)   
 ... a **master template** in Synkron ... **XML** (adding formatting) and outputs **HTML** for the Web site navigati  
[www.synkron.no/sw4316.asp](http://www.synkron.no/sw4316.asp) - 17k - [Cached](#) - [More from this site](#)
8. [CMS | XSL Navigation | Synkron.web content management system](#)   
 ... a **master template** in Synkron ... **XML** (adding formatting) and outputs **HTML** for the Web site navigati  
[www.synkron.de/sw4316.asp](http://www.synkron.de/sw4316.asp) - 24k - [Cached](#) - [More from this site](#)
9. [The InterLoom \(PDF\)](#)   
 ... with J2EE and **XML**, InterLoom ... example, the **master template** has defined the ... **HTML**), printer (PI  
[datahouse.com/attachment/.../websitedevelopmentfm.pdf](http://datahouse.com/attachment/.../websitedevelopmentfm.pdf) - 104k - [View as html](#) - [More from this site](#)
10. <http://www.synkron.com/sw4316.asp?usepf=true>   
 ... a **master template** in Synkron ... **XML** (adding formatting) and outputs **HTML** for the Web site navigati  
[www.synkron.com/sw4316.asp?usepf=true](http://www.synkron.com/sw4316.asp?usepf=true) - 10k - [Cached](#) - [More from this site](#)

**Results Page:**

1 [2](#) [3](#) [Next](#)

[Web](#) | [Images](#) | [Directory](#) | [Local](#) NEW! | [News](#) | [Products](#) 

Your Search:

Help us improve your search experience. [Send us feedback](#).

Create your own personal search experience with [My Yahoo! Search](#) [BETA]

Copyright © 2004 Yahoo! Inc. All rights reserved. [Privacy Policy](#) - [Terms of Service](#) - [Submit Your Site](#) - [Job Openings](#)